Secure access service edge (SASE) assessment

#HCLFortius

Summary

With today's ever-changing business environment, many organizations are moving to the cloud. A cloud-based architecture brings flexibility for remote user access, a smaller datacenter footprint, and exposure to a variety of cloud-based applications that assist in data storage, process handling, and collaborative communications. However, with this movement to the cloud comes specific challenges of component integration, user/data security implementations, and data control processes. This underscores the point that securing access right at the company's connecting service edge is a must. Secure Access Service Edge (SASE) is the architecture that will allow for a globally distributed and cloud centric organization to be safe, secure, and thrive.

Leveraging SASE Best Practices

A SASE architecture focuses on combining globally diverse network requirements and the vital network security user and data requirements into a single design to satisfy all user and data access needs (both local and remote). With a SASE architecture, an organization's security personnel can safely enforce network access requirements, user authentication, and decrypt company SSL web traffic at the company's service edge while still having data security tie-in's to DLP and CASB. The challenge that follows however is implementing this effectively based on best practices and in a timely fashion.

HCL's Fortius cybersecurity consulting group brings decades of subject matter expertise to fulfil this need. Gartner defines SASE and its core components as a package of technologies including SD-WAN, Secure Web Gateway (SWG), CASB, Zero Trust Network Access (ZTNA), and Firewall as a Service (FWaaS) with other software identifying sensitive data, decrypting SSL traffic, and preventing malware. HCL Infrastructure and Cloud Security Consulting can provide services to implement all the above technologies specific to SASE, while also leveraging the greater
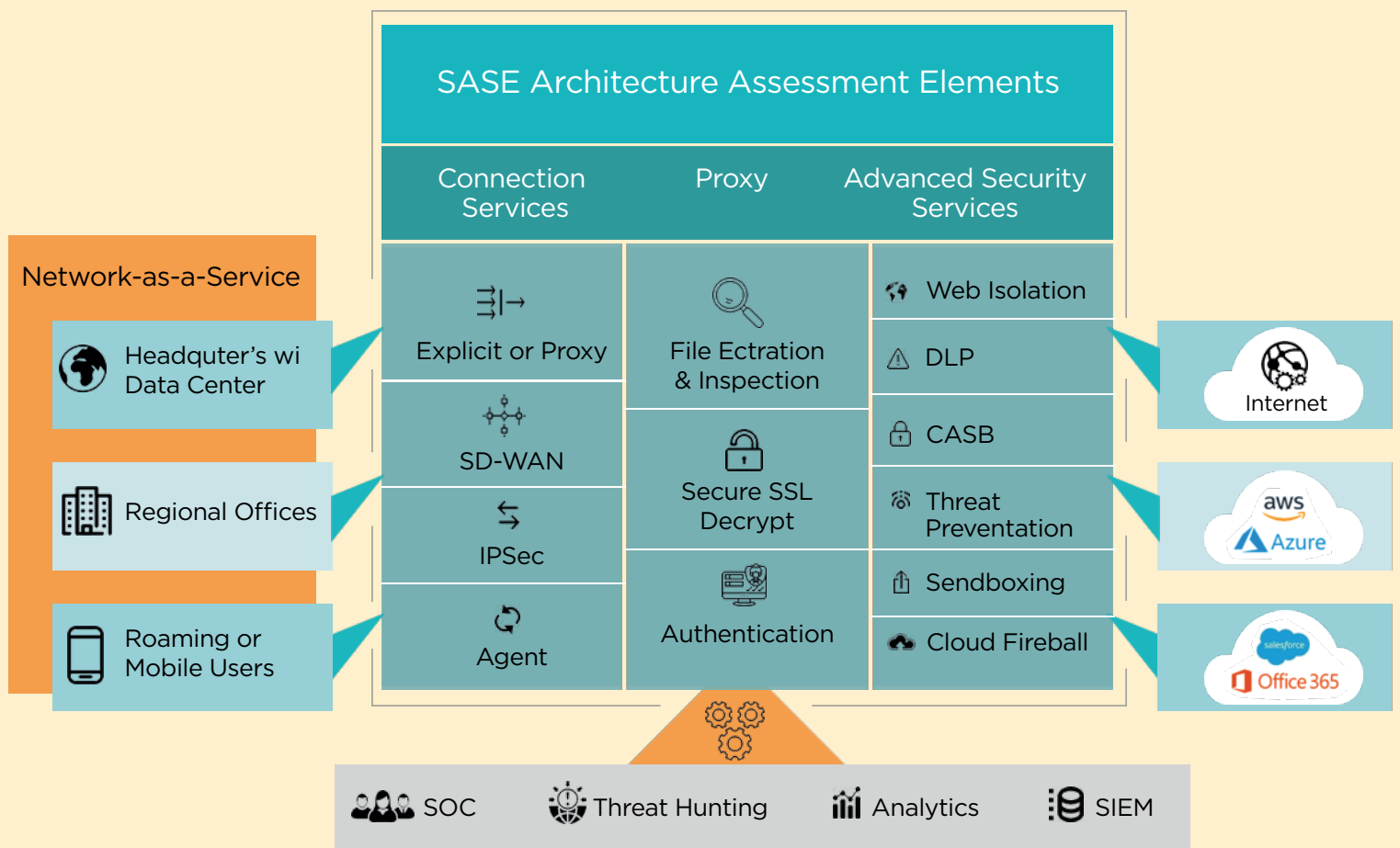
Requirements

This service offering requires the following security software to be in place prior to implementing the SASE architecture:

Core (Cloud and or On-Premise)

- Proxy Solution
- Threat Detection
  - Content Analysis
  - Malware Sandboxing
- Web Isolation
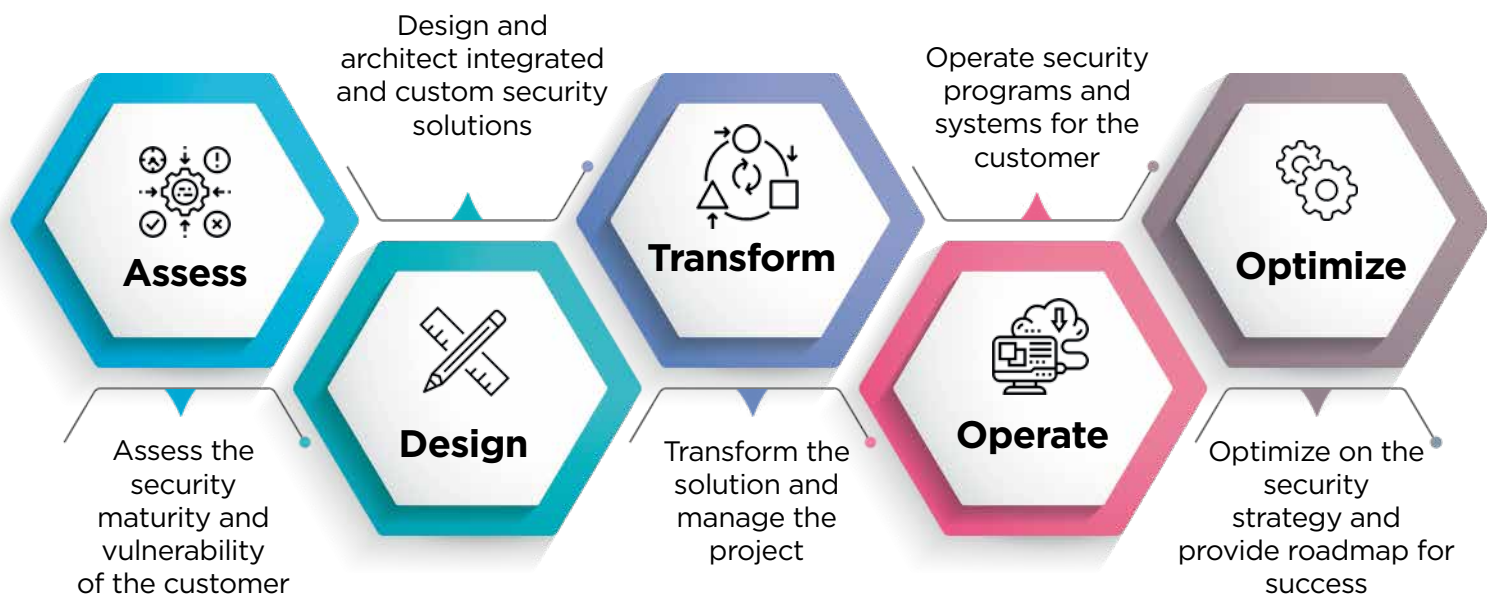- Firewall (Next Gen)

Critical Add-Ons

- Data Loss Prevention (DLP)
- Cloud Access Security Brokers (CASB)
- Analytics

SASE Architecture Assessment Elements

Network-as-a-Service
- Headquter's wi Data Center
- Regional Offices
- Roaming or Mobile Users

Connection Services	Proxy	Advanced Security Services
Explicit or Proxy	File Ectration & Inspection	Web Isolation
SD-WAN	Secure SSL Decrypt	DLP
IPSec		CASB
Agent	Authentication	Threat Preventation
		Sendboxing
		Cloud Fireball

- Internet
- aws / Azure
- salesforce / Office 365

SOC   Threat Hunting   Analytics   SIEM

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Our consultants deliver the value and power of Global Consulting, by creating a bridge between your staff and our teams through:

- Real-life experience operating solutions in the world's largest and most complex networks
- Direct access to internal product teams enabling faster diagnosis and resolution of issues
- Utilize subject matter experts, proven methodologies & leading industry best practices
- Optimize policies and procedures and engage measurable controls to realize greater program maturity
- Informal training to improve your team's effectiveness
- Increased value from vendor products
- Access to several managed service provider offerings from the larger HCL Technologies catalog

Assess

Assess the security maturity and vulnerability of the customer

Design and architect integrated and custom security solutions

Design

Transform

Transform the solution and manage the project

Operate security programs and systems for the customer

Operate

Optimize

Optimize on the security strategy and provide roadmap for success

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For more information or to get started, please contact us:
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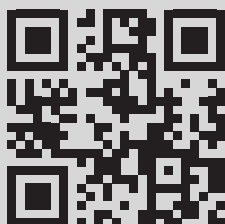
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